

TID/TAB - 111/65  
11 November 1965

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report [REDACTED]

1. On 8 November 1965 at 1300 hours [REDACTED] representing TID  
with [REDACTED] of P&DS visited [REDACTED]  
[REDACTED] to discuss the AP/3.

2. The highlights of the meeting with [REDACTED] are:

a. The instrument will be a combination of the AP/C and AP/2 instruments.

b. The instrument and coordinatorgraph will not have any gears to establish scales for the coordinatorgraph. The scales will be entered through data switches on the instrument control panel. This will give unlimited scales with which to work. The only restriction will be the physical limits of the coordinatorgraph.

c. The instrument will have a mechanical Kappa. This is very important to initially line-up the film on the stages.

d. The coordinatorgraph drive screws will be on "H" configuration instead of the "T" configuration as on the AP/C. This "H" design will eliminate the backlash and movement of the x-drive seven.

e. The coordinatorgraph will have servo drives. This should eliminate one of the major breakdown problems of the coordinatorgraph.

f. The AP/3 will possibly have ball screw drives for x and y lead screws on the coordinatorgraph.

g. Two recommendations by the manufacture for better computer performance are: That the instrument be connected to clean wiring. This is an electric line that is free from any electronic noise. Also, the computer should be left on continuously instead of shutting off each night.

Declass Review by NGA.

TID/TAB - 111/65

Page 2

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h. The instrument will have to have off-line computer support.

i. Conversion routines will be necessary to convert the AP/3 output to be compatible with IPD's computers. The above two items, at this time, are being coordinated with [REDACTED] of IPD.

j. A tentative visit for 23 November 1965, to the [REDACTED]

[REDACTED] is being scheduled to discuss computer outputs and problems. Scheduled for this trip are [REDACTED]

[REDACTED]  
Production Section  
Technical Analysis Branch

Distribution:

Orig. - Chief, TID/TAB

1 - Chief, TID

1 - Chief, IPD- At [REDACTED]

1 - Asst. for P&DS

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